

## EXTINGUISHING AGENT DATA SHEET

## PLUS-FIFTY® C DRY CHEMICAL

### Application

Ansul PLUS-FIFTY C may be used to combat fires in flammable liquids, gases and greases (Class B) including such fires when involved with energized electrical equipment (Class C). Specific applications include the protection of commercial food preparation equipment (fryers, griddles, range hoods, etc.) and textile machinery.

PLUS-FIFTY C is available in hand portable and wheeled extinguishers, large stationary units, mobile units and various fixed nozzle piped systems.

### Description

This is the first of Ansul's dry chemicals, and the most widely used. PLUS-FIFTY C is a sodium bicarbonate based dry chemical containing chemical additives, and is produced by an exclusive Ansul chemical process. The resultant agent is free-flowing, water repellent, non-abrasive and, when used as a fire extinguishing agent, will produce no toxic effects. PLUS-FIFTY C is bluish-white in color to differentiate it from the other dry chemical agents.

Post fire cleanup of PLUS-FIFTY C can be readily accomplished using a vacuum cleaner or a broom and dust pan.

### Performance

On a pound for pound basis, PLUS-FIFTY C is twice as effective in extinguisher applications as carbon dioxide. Various extinguishers charged with PLUS-FIFTY C will function effectively at temperatures from -65 °F to 150 °F (-54 °C to 66 °C). Other agents are not listed for temperatures exceeding 120 °F (49 °C).

**Caution:** Never mix PLUS-FIFTY C with phosphate based dry chemicals. A chemical reaction that is harmful to the extinguisher will take place.

### Ordering Information

PLUS-FIFTY C is available in fifty pound (22.7 kg) cartons (Part No. 9338), and fifty pound (22.7 kg) pails (Part No. 9336). Refill services are available from your local Ansul distributor.

### Approvals and Listings

Nationally recognized testing laboratories grant an approval or listing for the combination of an extinguisher and its agent. Numerous types and sizes of approved or listed PLUS-FIFTY C extinguishers are available. Following discharge, these extinguishers are to be refilled only with the original agent, as specified on the nameplate. This agent meets specifications of agencies of the U.S. and Canadian governments.

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